

## Device connector, front mounting - PV-FT-C4F-HSG - 1133364

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Panel feed-through, Range of articles: Sunclix, Device connector, front mounting, housing material: PPE, color: black, number of positions: 1, min. conductor cross section: 2.5 mm<sup>2</sup>, max. conductor cross section: 6 mm<sup>2</sup>, rated voltage: 1500 V DC, rated current: 38 A, Connection method: Crimp, Type of contact: Socket

### Your advantages

- ✓ Fast mounting and durable fixing with the patented fast screw connection
- ✓ High yield, thanks to silver-plated contacts
- ✓ Patented UNLOCK system allows smaller center distances as well as convenient release
- ✓ Unique SUNCLIX pin connector pattern



### Key Commercial Data

|                        |   |
|------------------------|---|
| Packing unit           | 1 pc  |
| Minimum order quantity | 50 pc   |
| GTIN                   | <br>4 063151 064419 |
| GTIN                   | 4063151064419   |
| Custom tariff number   | 85359000  |
| Country of origin      | Germany   |

### Technical data

#### Item properties

|                           |                                  |
|---------------------------|----------------------------------|
| Range of articles         | Sunclix                          |
| Brief article description | Device connector, front mounting |
| Color                     | black                            |
| Connection method         | Crimp                            |
| Type of contact           | Socket                           |

## Device connector, front mounting - PV-FT-C4F-HSG - 1133364

### Technical data

#### Item properties

|                     |   |
|---------------------|---|
| Number of positions | 1 |
|---------------------|---|

#### Product dimensions

|        |         |
|--------|---------|
| Width  | 21 mm   |
| Height | 21 mm   |
| Length | 49.1 mm |

|                  |   |
|------------------|---|
| Rated current    | 38 A (in accordance with IEC 62852:2014/AMD1:2020)          |
|                  | 32 A (in accordance with IEC 62852:2014/AMD1:2020)          |
|                  | 26 A (in accordance with IEC 62852:2014/AMD1:2020)          |
|                  | 50 A (in accordance with UL 6703)                           |
|                  | 35 A (in accordance with UL 6703)                           |
|                  | 30 A (in accordance with UL 6703)                           |
| Rated voltage    | 1500 V DCII 2 (in accordance with IEC 62852:2014/AMD1:2020) |
|                  | 1500 V DC (in accordance with UL 6703)                      |
| Protection class | II  |

#### Connection data

|   |                     |
|---|---------------------|
| Min. wire cross section                 | 2.5 mm <sup>2</sup> |
| Max. wire cross section                 | 6 mm <sup>2</sup>   |
| Stripping length of the individual wire | 9 mm -1 mm          |
| Torque                                  | 1.8 Nm ... 2.2 Nm   |

#### Environmental data

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Ambient temperature (assembly)  | -25 °C ... 50 °C |

#### Mechanical tests

|                 |  |
|-----------------|--|
| Insertion force | < 45 N ±10 N (with installed contacts) |
|-----------------|--|

#### Service life tests

|                             |                                     |
|-----------------------------|-------------------------------------|
| Degree of protection        | IP66 / IP68 (2m / 24h) (plugged in) |
| Insertion/withdrawal cycles | 100                                 |

|          |               |
|----------|---------------|
| RTI      | 105 °C        |
| Material | PPE (Housing) |

#### Detail specification

|                      |           |
|----------------------|-----------|
| Detail specification | IEC 62852 |
|----------------------|-----------|

## Device connector, front mounting - PV-FT-C4F-HSG - 1133364

### Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440107 |
| eCl@ss 11.0   | 27440107 |
| eCl@ss 9.0    | 27440107 |

ETIM

|          |          |
|----------|----------|
| ETIM 7.0 | EC002635 |
|----------|----------|

### Accessories

Accessories

Crimping tool

Crimping pliers - CRIMPFOX-P SR 6 - 1212755



Crimping pliers, for SUNCLIX solar crimp connectors 2.5 ... 6 mm<sup>2</sup>, unlockable pressure lock, precise parallel crimping, lateral entry, B crimp, incl. positioning tool

### Panel feed-through

Screw connection - PV-FT-C-WALLMOUNT BK - 1146092



Panel feed-through, Range of articles: Sunclix, Screw connection, number of positions: 0

Device connector, front mounting - PV-C3F-C-6-R3000 - 1050767



Panel feed-through, Range of articles: Sunclix, Device connector, front mounting, color: black, number of positions: 1, min. conductor cross section: 6 mm<sup>2</sup>, max. conductor cross section: 6 mm<sup>2</sup>, Connection method: Crimp, Type of contact: Socket

## Device connector, front mounting - PV-FT-C4F-HSG - 1133364

### Accessories

Device connector, front mounting - PV-C3F-C-2,5-4-R3000 - 1050769



Panel feed-through, Range of articles: Sunclix, Device connector, front mounting, color: black, number of positions: 1, min. conductor cross section: 2.5 mm<sup>2</sup>, max. conductor cross section: 4 mm<sup>2</sup>, rated current: 27 A, Connection method: Crimp, Type of contact: Socket

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### Photovoltaic connector

Protective cap - PV-C PROTECTION CAP - 1785430



Photovoltaic connector, Range of articles: Sunclix, Protective cap, color: black, self-sealing, without interlock, set consisting of: 1 protective cap for connector side and 1 protective cap for coupling side